

Polystyrene Foam Product Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) | |
|---|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|---------|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | | |
| 326140, Polystyrene foam product manufacturing | 2002.. | 397 | 562 | 33 439 | 1 013 213 | 26 458 | 52 303 | 698 402 | 3 619 729 | 2 991 428 | 6 607 995 | 330 231 |
| 2001 | N | N | N | 34 122 | 988 014 | 27 479 | 53 854 | 684 188 | 3 305 078 | 3 463 256 | 6 772 520 | 327 077 |
| 2000 | N | N | N | 34 065 | 988 819 | 27 145 | 54 683 | 669 124 | 3 245 199 | 3 271 167 | 6 472 885 | 321 291 |
| 1999 | N | N | N | 33 116 | 965 051 | 26 385 | 52 669 | 658 843 | 3 107 766 | 2 896 012 | 5 969 493 | 525 851 |
| 1998 | N | N | N | 30 564 | 837 401 | 25 124 | 50 142 | 608 519 | 2 963 314 | 2 634 669 | 5 553 202 | 390 018 |
| 1997 | 379 | 518 | N | 27 142 | 759 412 | 21 651 | 44 179 | 520 399 | 2 420 515 | 2 477 909 | 4 899 240 | 317 912 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 326140, Polystyrene foam product manufacturing | | | | | | | | | | | | |
| United States | 1 | 562 | 311 | 33 439 | 1 013 213 | 26 458 | 52 303 | 698 402 | 3 619 729 | 2 991 428 | 6 607 995 | 330 231 |
| Arizona | — | 8 | 5 | 465 | 11 288 | 418 | 922 | 9 186 | 55 057 | 49 121 | 104 956 | 1 281 |
| Arkansas | — | 11 | 6 | 507 | 13 444 | 407 | 821 | 9 327 | 57 312 | 30 342 | 86 001 | 6 702 |
| California | 1 | 93 | 41 | 4 138 | 127 095 | 3 387 | 6 647 | 93 662 | 451 261 | 423 690 | 877 588 | 30 204 |
| Colorado | 1 | 6 | 5 | 243 | 8 123 | 177 | 391 | 4 904 | 24 113 | 25 758 | 50 092 | 1 348 |
| Florida | 1 | 26 | 10 | 889 | 24 720 | 744 | 1 596 | 18 859 | 79 602 | 61 575 | 141 308 | 7 659 |
| Georgia | — | 20 | 14 | 2 124 | 71 682 | 1 610 | 3 243 | 48 958 | 365 416 | 152 335 | 528 720 | 26 031 |
| Illinois | 3 | 22 | 14 | 1 760 | 51 928 | 1 536 | 3 086 | 40 711 | 260 286 | 174 102 | 433 883 | 15 576 |
| Indiana | — | 13 | 9 | 1 058 | 32 084 | 894 | 1 820 | 24 541 | 102 575 | 70 164 | 172 106 | 9 354 |
| Iowa | — | 7 | 5 | 275 | 8 520 | 218 | 445 | 5 737 | 15 229 | 24 174 | 39 250 | 3 254 |
| Kansas | 2 | 5 | 3 | 228 | 6 640 | 163 | 363 | 2 806 | 18 015 | 14 955 | 32 926 | 2 302 |
| Kentucky | 3 | 9 | 6 | 1 817 | 51 382 | 1 629 | 2 762 | 42 611 | 118 461 | 256 230 | 371 049 | 23 358 |
| Massachusetts | 2 | 10 | 7 | 382 | 14 754 | 245 | 488 | 7 702 | 33 253 | 25 323 | 58 478 | 2 508 |
| Michigan | — | 25 | 15 | 2 160 | 69 673 | 1 255 | 2 509 | 33 765 | 201 498 | 119 157 | 324 066 | 5 978 |
| Minnesota | 6 | 13 | 9 | 492 | 15 258 | 372 | 715 | 9 907 | 36 403 | 31 821 | 68 770 | 6 126 |
| Mississippi | 1 | 13 | 7 | 466 | 12 378 | 406 | 796 | 9 224 | 39 196 | 38 059 | 74 769 | 2 467 |
| Missouri | — | 18 | 12 | 731 | 20 287 | 616 | 1 209 | 15 226 | 46 433 | 100 657 | 146 411 | 4 465 |
| Nevada | 2 | 6 | 2 | 209 | 7 210 | 173 | 317 | 5 268 | 32 260 | 8 874 | 41 075 | 1 663 |
| New Jersey | — | 15 | 7 | 986 | 33 076 | 612 | 1 247 | 14 581 | 72 601 | 65 740 | 139 204 | 7 337 |
| New York | 2 | 22 | 9 | 1 495 | 44 849 | 1 190 | 2 009 | 28 555 | 150 607 | 173 751 | 320 800 | 12 670 |
| North Carolina | 1 | 20 | 12 | 1 129 | 27 914 | 880 | 1 755 | 19 231 | 127 723 | 107 258 | 235 125 | 5 544 |
| Ohio | 2 | 39 | 20 | 1 508 | 42 900 | 1 234 | 2 416 | 29 807 | 141 688 | 93 492 | 234 937 | 11 066 |
| Oregon | — | 6 | 3 | 198 | 5 812 | 134 | 304 | 3 259 | 20 440 | 15 058 | 35 352 | 926 |
| Pennsylvania | — | 19 | 14 | 2 511 | 81 580 | 2 203 | 4 347 | 65 608 | 261 327 | 257 510 | 516 877 | 35 305 |
| Tennessee | — | 13 | 9 | 601 | 16 828 | 477 | 919 | 12 259 | 47 207 | 63 709 | 110 396 | 14 595 |
| Texas | — | 36 | 19 | 3 110 | 94 021 | 2 417 | 5 038 | 63 020 | 408 360 | 273 817 | 679 553 | 64 505 |
| Utah | 1 | 9 | 3 | 189 | 5 299 | 149 | 313 | 3 617 | 35 726 | 21 769 | 56 724 | 1 159 |
| Virginia | 1 | 11 | 7 | 549 | 15 622 | 449 | 846 | 11 087 | 64 381 | 62 093 | 126 356 | 2 844 |
| Washington | 2 | 9 | 5 | 400 | 12 331 | 346 | 708 | 9 442 | 43 229 | 39 782 | 81 858 | 3 268 |
| Wisconsin | — | 12 | 11 | 1 335 | 47 806 | 1 048 | 2 177 | 31 560 | 171 949 | 122 336 | 293 747 | 11 368 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|-----------------------|
| 326140, Polystyrene foam product manufacturing | |
| Companies ¹ | number.. 397 |
| All establishments ² | number.. 562 |
| Establishments with 1 to 19 employees | number.. 251 |
| Establishments with 20 to 99 employees | number.. 225 |
| Establishments with 100 employees or more | number.. 86 |
| All employees ³ | number.. 33 439 |
| Total compensation | \$1,000.. 1 269 843 |
| Annual payroll | \$1,000.. 1 013 213 |
| Total fringe benefits | \$1,000.. 256 630 |
| Production workers, average for year | number.. 26 458 |
| Production workers on March 12 | number.. 26 242 |
| Production workers on May 12 | number.. 26 622 |
| Production workers on August 12 | number.. 26 642 |
| Production workers on November 12 | number.. 26 235 |
| Production worker hours | 1,000.. 52 303 |
| Production worker wages | \$1,000.. 698 402 |
| Total cost of materials | \$1,000.. 2 991 428 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 2 620 955 |
| Resales | \$1,000.. 153 301 |
| Purchased fuels | \$1,000.. 76 075 |
| Purchased electricity | \$1,000.. 117 053 |
| Contract work | \$1,000.. 24 044 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 2 039 982 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. D |
| Total value of shipments | \$1,000.. 6 607 995 |
| Primary products value of shipments | \$1,000.. 5 778 456 |
| Secondary products value of shipments | \$1,000.. 515 795 |
| Total miscellaneous receipts | \$1,000.. 313 744 |
| Value of resales | \$1,000.. 267 518 |
| Contract receipts | \$1,000.. 28 929 |
| Other miscellaneous receipts | \$1,000.. 17 297 |
| Primary products specialization ratio | percent.. 92 |
| Value of primary products shipments made in all industries | \$1,000.. 6 343 624 |
| Value of primary products shipments made in this industry | \$1,000.. 5 778 456 |
| Value of primary products shipments made in other industries | \$1,000.. 565 168 |
| Coverage ratio | percent.. 91 |
| Value added | \$1,000.. 3 619 729 |
| Total inventories, beginning of year | \$1,000.. 536 066 |
| Finished goods inventories | \$1,000.. 308 931 |
| Work-in-process inventories | \$1,000.. 48 275 |
| Materials and supplies inventories | \$1,000.. 178 860 |
| Total inventories, end of year | \$1,000.. 529 244 |
| Finished goods inventories | \$1,000.. 308 197 |
| Work-in-process inventories | \$1,000.. 52 171 |
| Materials and supplies inventories | \$1,000.. 168 876 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. 3 456 399 |
| Total capital expenditures (new and used) | \$1,000.. 330 231 |
| Buildings and other structures (new and used) | \$1,000.. 62 800 |
| Machinery and equipment (new and used) | \$1,000.. 267 431 |
| Automobiles, trucks, etc., for highway use | \$1,000.. 11 160 |
| Computers and peripheral data processing equipment | \$1,000.. 21 337 |
| All other expenditures for machinery and equipment | \$1,000.. 234 934 |
| Total retirements | \$1,000.. 137 080 |
| Gross value of depreciable assets at end of year | \$1,000.. 3 649 550 |
| Depreciation charges during year | \$1,000.. 219 028 |
| Total rental payments | \$1,000.. 82 687 |
| Buildings and other structures | \$1,000.. 55 679 |
| Machinery and equipment | \$1,000.. 27 008 |
| Total other expenses ⁴ | \$1,000.. 6 796 948 |
| Response coverage ratio ⁵ | percent.. 82 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 86 435 |
| Communications services ⁴ | \$1,000.. 59 078 |
| Legal services ⁴ | \$1,000.. 22 233 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 98 914 |
| Advertising and promotional services ⁴ | \$1,000.. 7 679 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 111 990 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 72 642 |
| Management consulting and administrative services ⁴ | \$1,000.. 6 045 |
| Taxes and license fees ⁴ | \$1,000.. 133 795 |
| All other expenses ⁴ | \$1,000.. 6 198 137 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 326140, Polystyrene foam product manufacturing | | | | | | | | | | | |
| All establishments | 1 | 562 | 33 439 | 1 013 213 | 26 458 | 52 303 | 698 402 | 3 619 729 | 2 991 428 | 6 607 995 | 330 231 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 7 | 90 | c | D | D | D | D | D | D | D | D |
| 5 to 9 employees | 6 | 63 | 439 | 12 622 | 348 | 666 | 9 169 | 39 988 | 30 177 | 69 887 | 6 360 |
| 10 to 19 employees | 4 | 98 | 1 364 | 40 142 | 1 026 | 2 002 | 26 660 | 125 081 | 119 211 | 244 550 | 11 113 |
| 20 to 49 employees | 2 | 130 | 4 156 | 124 340 | 3 193 | 6 154 | 78 866 | 358 669 | 317 220 | 679 344 | 54 176 |
| 50 to 99 employees | 2 | 95 | 6 460 | 199 440 | 5 085 | 10 312 | 134 061 | 641 116 | 597 488 | 1 232 495 | 72 895 |
| 100 to 249 employees | 1 | 64 | 9 733 | 292 932 | 7 887 | 16 349 | 206 334 | 1 165 213 | 933 078 | 2 093 236 | 94 941 |
| 250 to 499 employees | — | 15 | 4 970 | 162 801 | 4 024 | 8 272 | 118 576 | 605 664 | 461 485 | 1 066 446 | 34 616 |
| 500 to 999 employees | — | 6 | h | D | D | D | D | D | D | D | D |
| 1,000 to 2,499 employees | — | 1 | g | D | D | D | D | D | D | D | D |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 123 | 685 | 20 498 | 568 | 1 125 | 15 104 | 62 835 | 52 781 | 115 613 | 7 769 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|--|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 326140 | Polystyrene foam product manufacturing | 562 | 33 439 | 1 013 213 | 26 458 | 52 303 | 698 402 | 3 619 729 | 2 991 428 | 6 607 995 | 330 231 |
| 3261401 | Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) | 41 | 2 284 | 72 195 | 1 639 | 3 411 | 44 067 | 213 107 | 155 943 | 370 967 | 11 130 |
| 3261402 | Packaging, polystyrene foam products | 113 | 7 787 | 236 509 | 6 004 | 12 135 | 156 220 | 795 159 | 602 822 | 1 407 882 | 78 542 |
| 3261403 | Building and construction polystyrene foam products | 77 | 4 411 | 142 227 | 3 420 | 6 822 | 91 437 | 425 414 | 493 771 | 918 762 | 59 390 |
| 3261404 | Furniture and furnishings polystyrene foam products | 10 | 829 | 30 302 | 674 | 1 485 | 21 052 | 106 527 | 90 669 | 198 340 | 11 173 |
| 3261405 | Consumer and institutional polystyrene foam products | 83 | 14 533 | 431 559 | 12 029 | 23 310 | 320 940 | 1 759 752 | 1 365 910 | 3 110 681 | 133 465 |
| 3261406 | Miscellaneous polystyrene foam products | 23 | 1 707 | 46 104 | 1 174 | 2 279 | 26 917 | 168 494 | 154 522 | 321 985 | 12 199 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|------------------------|
| | | | | Quantity | Value (\$1,000) |
| 326140 | Polystyrene foam product manufacturing | 2002.. N 1997.. N | X X | X X | 6 343 624 5 011 880 |
| 3261401 | Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) | 2002.. N 1997.. N | X X | X X | 322 096 188 849 |
| 32614011 | Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) | 2002.. N 1997.. N | X X | X X | 322 096 188 849 |
| 3261401100 | Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) | 2002.. 49 1997.. 19 | X X | X X | 322 096 188 849 |
| 3261402 | Packaging, polystyrene foam products | 2002.. N 1997.. N | X X | X X | 1 817 622 1 282 519 |
| 32614021 | Polystyrene foam food containers | 2002.. N 1997.. N | X X | X X | 997 479 538 874 |
| 3261402125 | Polystyrene foam food containers | 2002.. 22 1997.. 17 | X X | X X | 997 479 538 874 |
| 32614022 | Polystyrene foam protective shipping pads and shaped cushioning and other foam packaging supplies | 2002.. N 1997.. N | X X | X X | 810 471 739 658 |
| 3261402255 | Polystyrene foam protective shipping pads and shaped cushioning (peanuts, disks, etc.) | 2002.. 69 1997.. 80 | X X | X X | 565 012 596 950 |
| 3261402295 | Other polystyrene foam packaging products | 2002.. 36 1997.. 37 | X X | X X | 245 459 142 708 |
| 3261402Y | Packaging, polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 9 672 3 987 |
| 3261402YVW | Packaging, polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 9 672 3 987 |
| 3261403 | Building and construction polystyrene foam products | 2002.. N 1997.. N | X X | X X | 1 074 312 909 166 |
| 32614031 | Building and construction polystyrene foam products | 2002.. N 1997.. N | X X | X X | 947 649 909 166 |
| 3261403115 | Building and construction polystyrene foam insulation (including pipe and block) | 2002.. 26 1997.. 61 | X X | X X | 419 974 729 494 |
| 3261403195 | Other building and construction polystyrene foam products | 2002.. 61 1997.. 27 | X X | X X | 527 675 179 672 |
| 3261403Y | Building and construction polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 126 663 — |
| 3261403YVW | Building and construction polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 126 663 — |
| 3261404 | Furniture and furnishings polystyrene foam products | 2002.. N 1997.. N | X X | X X | 135 614 19 948 |
| 32614041 | Furniture and furnishings polystyrene foam products | 2002.. N 1997.. N | X X | X X | 135 614 19 948 |
| 3261404100 | Furniture and furnishings polystyrene foam products | 2002.. 12 1997.. 8 | X X | X X | 135 614 19 948 |
| 3261405 | Consumer and institutional polystyrene foam products | 2002.. N 1997.. N | X X | X X | 2 404 014 2 000 422 |
| 32614051 | Polystyrene foam cups, consumer and institutional | 2002.. N 1997.. N | X X | X X | 1 174 140 1 172 771 |
| 3261405115 | Polystyrene foam cups, consumer and institutional | 2002.. 16 1997.. 17 | X X | X X | 1 174 140 1 172 771 |
| 32614052 | Other consumer and institutional polystyrene foam products, including foam trays and cooler chests | 2002.. N 1997.. N | X X | X X | 1 219 465 778 866 |
| 3261405225 | Polystyrene foam plates and bowls, consumer and institutional | 2002.. 11 1997.. 12 | X X | X X | 706 477 409 899 |
| 3261405235 | Polystyrene foam cooler chests, consumer and institutional | 2002.. 14 1997.. 10 | X X | X X | 52 622 58 915 |
| 3261405245 | Polystyrene foam trays, consumer and institutional | 2002.. 11 1997.. 5 | X X | X X | 303 943 110 246 |
| 3261405295 | Other consumer and institutional polystyrene foam products | 2002.. 27 1997.. 21 | X X | X X | 156 423 199 806 |
| 3261405Y | Consumer and institutional polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 10 409 48 785 |
| 3261405YVW | Consumer and institutional polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 10 409 48 785 |
| 3261406 | Miscellaneous polystyrene foam products | 2002.. N 1997.. N | X X | X X | 299 261 169 913 |
| 32614061 | All other miscellaneous polystyrene foam products | 2002.. N 1997.. N | X X | X X | 268 005 169 913 |
| 3261406115 | Electrical and electronic polystyrene foam products | 2002.. 7 1997.. 8 | X X | X X | D 4 569 |
| 3261406195 | Other polystyrene foam products | 2002.. 27 1997.. 23 | X X | X X | D 165 344 |
| 3261406Y | Miscellaneous polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 31 256 — |
| 3261406YVW | Miscellaneous polystyrene foam products, nsk | 2002.. N 1997.. N | X X | X X | 31 256 — |
| 326140W | Polystyrene foam product manufacturing, nsk, total | 2002.. N 1997.. N | X X | X X | 290 705 441 063 |
| 326140WY | Polystyrene foam product manufacturing, nsk, total | 2002.. N 1997.. N | X X | X X | 290 705 441 063 |
| 326140WYVW | Polystyrene foam product manufacturing, nsk, for nonadministrative-record establishments | 2002.. N 1997.. N | X X | X X | 190 395 283 818 |
| 326140WYWY | Polystyrene foam product manufacturing, nsk, for administrative-record establishments | 2002.. N 1997.. N | X X | X X | 100 310 157 245 |

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3261401 | Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) | |
| | United States..... 2002.. | 322 096 |
| | 1997.. | 188 849 |
| | California..... 2002.. | 39 647 |
| | 1997.. | N |
| | Indiana..... 2002.. | 13 700 |
| | 1997.. | N |
| | Michigan..... 2002.. | 60 845 |
| | 1997.. | N |
| | Missouri..... 2002.. | 24 875 |
| | 1997.. | N |
| | North Carolina..... 2002.. | 2 954 |
| | 1997.. | N |
| | Ohio..... 2002.. | 43 041 |
| | 1997.. | N |
| | Texas..... 2002.. | 19 517 |
| | 1997.. | N |
| 3261402 | Packaging, polystyrene foam products | |
| | United States..... 2002.. | 1 817 622 |
| | 1997.. | 1 282 519 |
| | Arkansas..... 2002.. | 9 252 |
| | 1997.. | 12 600 |
| | California..... 2002.. | 292 367 |
| | 1997.. | 194 013 |
| | Georgia..... 2002.. | 173 512 |
| | 1997.. | 59 103 |
| | Illinois..... 2002.. | 173 429 |
| | 1997.. | 104 944 |
| | Indiana..... 2002.. | 87 212 |
| | 1997.. | 101 195 |
| | Iowa..... 2002.. | 9 819 |
| | 1997.. | N |
| | Massachusetts..... 2002.. | 20 281 |
| | 1997.. | 29 004 |
| | Michigan..... 2002.. | 52 570 |
| | 1997.. | 14 863 |
| | Minnesota..... 2002.. | 27 094 |
| | 1997.. | 11 440 |
| | Missouri..... 2002.. | 23 024 |
| | 1997.. | 14 655 |
| | New York..... 2002.. | 137 707 |
| | 1997.. | 116 156 |
| | North Carolina..... 2002.. | 66 864 |
| | 1997.. | 66 561 |
| | Ohio..... 2002.. | 64 706 |
| | 1997.. | 55 241 |
| | Tennessee..... 2002.. | 42 683 |
| | 1997.. | 27 288 |
| | Texas..... 2002.. | 151 133 |
| | 1997.. | 80 120 |
| | Virginia..... 2002.. | 32 720 |
| | 1997.. | 17 659 |
| | Wisconsin..... 2002.. | 36 957 |
| | 1997.. | 22 636 |
| 3261403 | Building and construction polystyrene foam products | |
| | United States..... 2002.. | 1 074 312 |
| | 1997.. | 909 166 |
| | California..... 2002.. | 57 261 |
| | 1997.. | 66 717 |
| | Florida..... 2002.. | 23 385 |
| | 1997.. | 18 592 |
| | Georgia..... 2002.. | 43 937 |
| | 1997.. | 43 667 |
| | Illinois..... 2002.. | 148 352 |
| | 1997.. | 156 606 |
| | Iowa..... 2002.. | 18 737 |
| | 1997.. | N |
| | Massachusetts..... 2002.. | 5 154 |
| | 1997.. | N |
| | Michigan..... 2002.. | 54 949 |
| | 1997.. | 66 241 |
| | North Carolina..... 2002.. | 4 871 |
| | 1997.. | 31 969 |
| | Ohio..... 2002.. | 82 257 |
| | 1997.. | 101 853 |
| | Texas..... 2002.. | 72 846 |
| | 1997.. | 6 916 |
| | Virginia..... 2002.. | 65 209 |
| | 1997.. | 45 766 |
| | Wisconsin..... 2002.. | 50 802 |
| | 1997.. | N |
| 3261404 | Furniture and furnishings polystyrene foam products | |
| | United States..... 2002.. | 135 614 |
| | 1997.. | 19 948 |
| 3261405 | Consumer and institutional polystyrene foam products | |
| | United States..... 2002.. | 2 404 014 |
| | 1997.. | 2 000 422 |
| | California..... 2002.. | 282 553 |
| | 1997.. | 234 184 |
| | Florida..... 2002.. | 49 103 |
| | 1997.. | 46 199 |
| | Georgia..... 2002.. | 296 572 |
| | 1997.. | 282 073 |
| | Illinois..... 2002.. | 196 864 |
| | 1997.. | 141 928 |

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

[illegible]

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|---|----------|--------------------------|
| 326140 | Polystyrene foam product manufacturing | | |
| 00900001 | Total materials | X | 2 620 955 |
| | 1997.. | X | 2 225 104 |
| 325000A2 | Industrial inorganic chemicals (excluding plastics resins (including styrene and all other plastics resins), industrial organic and synthetic organic chemicals, etc.) | X | 107 712 |
| | 1997.. | X | N |
| 325100A1 | Industrial organic and synthetic organic chemicals, including plasticizers (excluding synthetic dyes, pigments, and toners) | X | 13 443 |
| | 1997.. | X | 73 433 |
| 32521113 | All other plastics resins consumed in the form of granules, pellets, powders, liquids, etc. | X | 160 827 |
| | 1997.. | X | N |
| 32599100 | Custom compounded plastics resins (purchased) | X | 2 654 |
| | 1997.. | X | 16 866 |
| 32521151 | Styrene resins | X | 1 164 214 |
| | 1997.. | X | N |
| 325000A1 | All other chemicals and allied products (excluding industrial inorganic chemicals, inorganic pigments, plastics resins, and industrial and synthetic organic chemicals) | X | 39 063 |
| | 1997.. | X | D |
| 32610013 | Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes | X | 88 773 |
| | 1997.. | X | 52 256 |
| 32721209 | Textile-type glass fiber | X | D |
| | 1997.. | X | D |
| 31321017 | Broadwoven fabrics | X | D |
| | 1997.. | X | D |
| 32210015 | Paper and paperboard products (excluding paperboard boxes, containers, and corrugated paperboard) | X | 37 612 |
| | 1997.. | X | 47 698 |
| 32221001 | Paperboard containers, boxes, and corrugated paperboard | X | 171 015 |
| | 1997.. | X | 66 798 |
| 00970099 | All other materials and components, parts, containers, and supplies | X | 431 738 |
| | 1997.. | X | 1 034 214 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk | X | 395 923 |
| | 1997.. | X | 496 787 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.